

# Debris Flow Event Log

Date: February 18 2006 Debris Flow (Burbank, CA Airport)

Note taker: Jorgensen

<i>Time (UTC)</i>	<i>Event</i>
1800	Powered up SR2, leveled truck. Took 6 or 7 tries to get the Nav computer booted. It would died just after starting the Windsow 2000 boot screen. Antenna is very quite and smooth today after being somewhat noisy and jumpy at Thursday's press briefing in San Diego
1825	Data collection begun. Line of weak N-S echoes ~40 km to west. Skes broken at site.
1830	NWS expects convective storms this afternoon/evening with frontal passage. Flash flood and debris flow watches out for burn areas.
1901	Line of echoes now 20 km to the west moving eastward
1918	Line nearly on top of site now. Skies have darkened considerably. Vertical scan now shows echo.
1928	Weak echo over burn area – echo line is weakening as it moves eastward – no precip at site
1933	Single cell a few km n of site has max dbZ to 55 on upper tilts >6 deg
1935	A few raindrops at site
1938	About 40 dbz rain on burn area now
1943	Light rain at site
1959	Rain has stopped at the site and the remnants of the convective line are dissipating over the burn area
2005	Sun has come out at the site
2027	No significant echoes within 100 km or so on the low level scans
2046	Releveled truck slightly
2148	Only small weak cellular echoes are over the burn area
2156	According to the ALERT gages 0.1 inch has fallen here in the last 6 hrs
2242	Another weak line to the west is developing at 60-75 km
2314	Weak line dissipating
2345	Scattered light cells to from the S to the WNW at 50 km
2358	Light echoes (30-35 dbz) over the burn area
0101	Large mass of echo around 30 dbz appearing near 100 km to the W
0117	Mass of precip to W must be rather shallow, the 4 deg tilt overshoots it
0203	Mass of echo to west coming closer, but max dbz still only 30 or so
0229	Mass of echoes to W has a few cells to 40 dbz, moving eastward, now only about 20 km from site
0234	Weak echo overhead on 90 deg scan
0301	Echo mass to W has weakened, no cells above 35 dbz as it moves east, leading edge is nearly over the site. SOX radar shows no echoes over about 35 dbz.
0316	Mass of echo seems to break at our latitude, strongest mass going South of burn area
0406	Light spotty echoes – no apparent organization. Oxnard AFD indicated on their 9 PM advisory that the flash flood watch would expire at 7 AM

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